Data Sharing by Threads Exercises

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Data sharing by threads

- What is the main problem that can occur when threads share data?

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Interleaved Execution Example

- Write a program in which the output from multiple threads is interleaved
- Where is the shared data variable in this program?

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Data race definition

- What is meant by the term "data race" in C++?
- How can a data race be avoided?

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Memory Location

- Give some examples of C++ "memory locations"

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Golden rule of C++ multithreading

- Memorize the golden rule of C++ multithreading

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